LT-SPOE4SFP1

4-Port Gigabit PoE+ 1-Port Gigabit RJ45 1-Port

The LT-SPOE4SFP1 is an unmanaged Ethernet switch featuring 4 Gigabit PoE+ ports, 1 Gigabit RJ45 uplink port, and 1 Gigabit SFP uplink port. It offers 4*10/100/1000Base-T PoE+ RJ-45 downlink ports, each delivering up to 30W of power per port, suitable for powering IP cameras and other PoE-enabled devices. The switch includes a one-key smart CCTV mode with a PoE watchdog feature, automatically detecting and restarting cameras if they stop functioning. This switch is ideal for video surveillance, security monitoring systems, and other network applications.

Main Features

• Abundant Interfaces: 4x Gigabit PoE+ ports, 1x Gigabit RJ45 uplink, 1x Gigabit SFP uplink.
• Power-over-Ethernet: IEEE 802.3af/at compliant, 30W per port, 60W total power budget.
• High Performance: 6kV surge immunity, ESD protection (6kV contact, 8kV air).
• Smart CCTV Mode: Extends transmission to 250m, supports VLAN isolation, storm control, and PoE watchdog.
• Installation: Compact metal design, suitable for desktop or wall mounting.
• Standards: Supports IEEE 802.3, 802.3u, 802.3ab, 802.3at, 802.3z, and more.
• Switch Capacity: 12Gbps switching capacity, 8.9Mpps forwarding rate, 9K jumbo frame support.
• Power Supply: 48~57V DC input, ≤65W power consumption.

High Performance Design

• 6kV surge immunity
• 6kV contact discharge, 8kV air discharge ESD protection
• Metal shell design
• Desktop/wall mounted installation
• CCTV: the transmission distance is extended up to 250m, but the rate is limited to 10Mbps. This mode supports VLAN (all downlink ports are isolated from each other, but can communicate with uplink ports), network storm control and PoE watchdog.

Features

• 4*10/100/1000Base-T PoE+ RJ-45 (Auto MDI/MDIX) ports
• 1*10/100/1000Base-T RJ-45 (Auto MDI/MDIX) port
• 1*1000Base-X SFP port

Power-over-Ethernet

• IEEE 802.3af/at
• 30W max for each port, 60W max for whole switch

Applications

• IP Surveillance Systems: Provides power and data connectivity to IP cameras for security and monitoring purposes.
• Wireless Networks: Supports PoE-enabled wireless access points to extend Wi-Fi coverage in offices, campuses, and public areas.
• VoIP Communications: Powers VoIP phones while maintaining stable, high-speed network connections.
• Small and Medium Enterprises (SMEs): Ideal for compact office networks needing reliable PoE support for multiple devices.

LT-SPOE4SFP1

4-Port Gigabit PoE+ 1-Port Gigabit RJ45 1-Port

Specifications :

Item	LT-SPOE4SFP1
Hardware Specifications	
Downlink Ports	4*10/100/1000Base-T PoE+ RJ-45(Auto-MDI/MDI-X)
Uplink Ports	1*10/100/1000Base-T RJ-45(Auto-MDI/MDI-X)
	1*1000Base-X SFP
LED Indicators	1*Power Indicator, 1*CCTV Mode Indicator, 4*Downlink Port Link Indicators, 4*Downlink Port PoE Indicators, 2*Uplink Port Link Indicators
DIP Switch	CCTV mode: the transmission distance is extended up to 250m, but the rate is limited to 10Mbps. This mode supports VLAN (all downlink ports are isolated from each other, but can communicate with uplink ports), network storm control and PoE watchdog.
Input Voltage	48~57V DC
Power Consumption	≤65W (Full load including PoE)
Dimensions (W*D*H)	135mm*86mm*27mm
Net Weight	0.3kg
Installation	Desktop/Wall mounted
Switch Property	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Forwarding Modes	Store and Forward
MAC Table	8k, support auto learning
Switching Capacity	12Gbps/non-blocking
Packet Forwarding Rate	8.9Mpps
Packet Buffer	4Mb
Jumbo Frame	9K
Power Supply	
PoE Standard	IEEE 802.3af/at (PSE)
PoE Power Supply Type	End-span
PoE Pin Assignment	1/2(+), 3/6(-)
PoE Budget	30W max for each port, 60W max for whole switch
Reliability	
EMC	FCC 47 CFR Part 15 Class A
	EN55032 Class A
	IEC61000-4-2, Level 3: Contact Discharge: ±6kV, Air Discharge: ±8kV
	IEC61000-4-3, Level 2: 3V/m
	IEC61000-4-4, Level 2: 1kV
	IEC61000-4-5, line to earth: 6kV
	IEC61000-4-6, Level 2 (0.15MHz~80MHz)
LVD	EN 62368-1:2014
	EN 62328-A11:2017
Operating	-5°C~45°C, 5%~95% (Non-condensation)
Storage	-40°C~75°C, 5%~95% (Non-condensation)
Certifications	
Certifications	CE, FCC